

ABSTRACT OF THE DISCLOSURE

First to third processors are arranged in a digital camera, one image (one frame) obtained by one photographing operation is divided into three regions (assigned regions), and photographing signal processing is shared by the first to third processors. Digital image signals of one image are divided and captured by the first to third processors while setting overlapping regions as regions required for photographing signal processing for the assigned regions. For this reason, the processors can also perform the photographing signal processing including an interpolating process to pixels near joined portions between the assigned regions. More specifically, since the photographing signal processing for the digital image data of one image can be shared by the plurality of processors and performed as parallel processing without causing an image breakage, an image capture interval can be shortened.